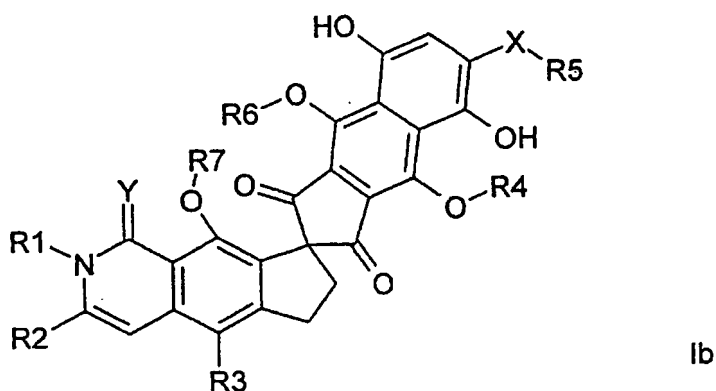
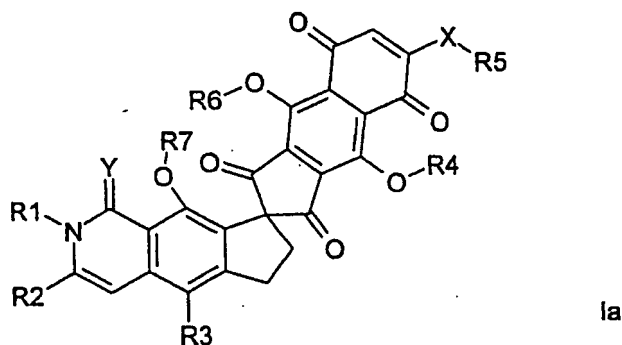


AMENDMENTS TO THE CLAIMS

1. (Currently amended) The compounds according to the general formula Ia or Ib:

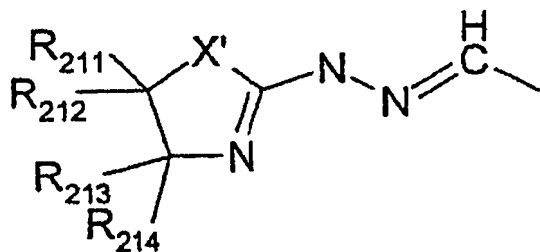


wherein in each

R1 means H, C₁-C₆ alkyl, cycloalkyl, or C₁-C₄ alkylcycloalkyl,

R2 means H, C₁-C₁₄ alkyl, C₂-C₁₄ alkenyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl, C₂-C₄ alkenylheteroaryl, cycloalkyl, C₁-C₄ alkylcycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, C_mH_{2m+o-p}Y_p (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR₂₁, NH₂, NHR₂₁, NR₂₁R₂₂, and SH, SR₂₁), (CH₂)_rCH₂NHCOR₂₁, (CH₂)_rCH₂OCOR₂₁, (CH₂)_rCH₂NHCSR₂₁, (CH₂)_rCH₂S(O)_nR₂₁, with n

= 0, 1, 2, $(\text{CH}_2)_r\text{CH}_2\text{SCOR}_{21}$, $(\text{CH}_2)_r\text{CH}_2\text{OSO}_2\text{-R}_{21}$, $(\text{CH}_2)_r\text{CHO}$, $(\text{CH}_2)_r\text{CH=NOH}$, $(\text{CH}_2)_r\text{CH(OH)R}_{21}$, $-(\text{CH}_2)_r\text{CH=NOR}_{21}$, $(\text{CH}_2)_r\text{CH=NOCOR}_{21}$, $(\text{CH}_2)_r\text{CH=NOCH}_2\text{CONR}_{21}\text{R}_{22}$, $(\text{CH}_2)_r\text{CH=NOCH(CH}_3\text{)CONR}_{21}\text{R}_{22}$, $(\text{CH}_2)_r\text{CH=NOC(CH}_3\text{)}_2\text{CONR}_{21}\text{R}_{22}$, $(\text{CH}_2)_r\text{CH=N-NHCO-R}_{23}$, $(\text{CH}_2)_r\text{CH=N-NHC(O)NH-R}_{23}$, $(\text{CH}_2)_r\text{CH=N-NHC(S)NH-R}_{23}$, $(\text{CH}_2)_r\text{CH=N-NHC(NH)NH-R}_{23}$, $(\text{CH}_2)_r\text{CH=N-NHC(NH)-R}_{23}$, $(\text{CH}_2)_r\text{CH=N-NHCO-CH}_2\text{NHCOR}_{21}$, $(\text{CH}_2)_r\text{CH=N-O-CH}_2\text{NHCOR}_{21}$, $(\text{CH}_2)_r\text{CH=N-NHCS-R}_{23}$, $(\text{CH}_2)_r\text{CH=CR}_{24}\text{R}_{25}$ (trans or cis), $(\text{CH}_2)_r\text{COOH}$, $(\text{CH}_2)_r\text{COOR}_{21}$, $(\text{CH}_2)_r\text{CONR}_{21}\text{R}_{22}$, $-(\text{CH}_2)_r\text{CH=NR}_{21}$, $(\text{CH}_2)_r\text{CH=N-NR}_{21}\text{R}_{22}$,



, and the $(\text{CH}_2)_r$ -chain elongated group $(\text{CH}_2)_r\text{CH=N-N-(C}_3\text{NX'R}_{211}\text{R}_{212}\text{R}_{213}\text{R}_{214})$ (with X' = NR₂₁₅, O, S, and R₂₁₁, R₂₁₂, R₂₁₃, R₂₁₄, R₂₁₅ being independently H or C₁-C₆ alkyl), - $(\text{CH}_2)_r\text{CH=N-NHSO}_2$ aryl, or $-(\text{CH}_2)_r\text{CH=N-NHSO}_2$ heteroaryl, with r = 0, 1, 2, 3, 4, 5,

R₂₁, R₂₂ are independently H, C₁-C₁₄ alkyl, C₁-C₁₄ alkanoyl, C₁-C₆ alkylhydroxy, C₁-C₆ alkoxy, C₁-C₆ alkylamino, C₁-C₆ alkylamino-C₁-C₆ alkyl, C₁-C₆ alkylamino-di-C₁-C₆-alkyl, cycloalkyl, C₁-C₄ alkylcycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, aryl, aryloyl, C₁-C₄ alkylaryl, heteroaryl, heteroaryloyl, C₁-C₄ alkylheteroaryl, cycloalkanoyl, C₁-C₄ alkanoylcycloalkyl, heterocycloalkanoyl, C₁-C₄ alkanoylheterocycloalkyl, C₁-C₄ alkanoylaryl, C₁-C₄ alkanoylheteroaryl, mono- and di-sugar groups linked through a C atom which would carry an OH group in the sugar, wherein the sugars are independently selected from the group consisting of glucuronic acid and its stereoisomers at all optical atoms, aldopentoses, aldohexoses, including their desoxy compounds (as e.g. glucose, desoxyglucose, ribose,

desoxyribose), or R21 and R22, together with the N, form a ring with 4, 5, 6, 7, or 8 members, which may optionally contain still another heteroatom selected from the group N, O, and S,

R23 independently of R21, has the same meanings as R21, or CH₂-pyridinium salts, CH₂-tri-C₁-C₆ alkylammonium salts, CONH₂, CSNH₂, CN, or CH₂CN,

R24 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, or NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, or NHCOR21,

R24, R25 together with the N, form a ring with 4, 5, 6, 7, or 8 members, which may optionally contain still another heteroatom selected from the group N, O, and S,

R3 means H, F, Cl, Br, I, OH, OR31, NO₂, NH₂, NHR31, NR31R32, NHCHO, NHCOR31, NHCOCF₃, CH_{3-m}hal_m (with hal = Cl, F, and m = 1, 2, 3), or OCOR31,

R31, R32 are independently C₁-C₆ alkyl, or R31 and R32, together with the N, form a ring with 4, 5, 6, 7, or 8 members, which may optionally contain still another heteroatom selected from the group N, O, and S,

R5 means H, C₁-C₂₀ alkyl, cycloalkyl, C₂-C₂₀ alkenyl, C₂-C₁₀ alkynyl, C₁-C₄ alkylcycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl, C_mH_{2m+o-p}Y_p (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR51, NH₂, NHR51, NR51R52, SH, SR21), (CH₂)_sCH₂NHCOR51, (CH₂)_sCH₂NHCSR51, (CH₂)_sCH₂S(O)_nR51, with n = 0, 1, 2, (CH₂)_sCH₂SCOR51, (CH₂)_sCH₂OCOR51, (CH₂)_sCH₂OSO₂-R51, (CH₂)_sCH(OH)R51, (CH₂)_sCOOH, (CH₂)_sCOOR51,

(CH₂)_sCONR₅₁R₅₂, with s = 0, 1, 2, 3, 4, 5, mono- and di-sugar groups linked through a C atom which would carry an OH group in the sugar, wherein the sugars are independently selected from the group consisting of glucuronic acid and its stereo isomers at all optical atoms, aldopentoses, aldohexoses, including their desoxy compounds (as e.g. glucose, desoxyglucose, ribose, desoxyribose), with the mono-sugar groups such as aldopentoses, aldohexoses, including their desoxy compounds with R₅₁, R₅₂ which are capable of independently adopting the meaning of R₂₁, R₂₂,

R₄, R₆, R₇ independently mean H, C₁-C₆ alkyl, CO-R₄₁,

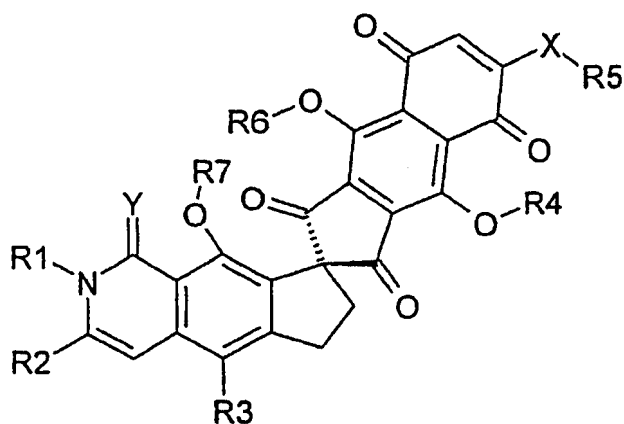
R₄₁ independently from R₂₁, has the same meanings as R₂₁,

X means O, S, NH, N-R₈, wherein R₈ independently from R₅ may adopt the same meaning as R₅, or R₅ and R₈, together with the N, form a ring with 4, 5, 6, 7, or 8 members, which may optionally contain still another heteroatom selected from the group N, O, and S, or X-R₅ may together be H,

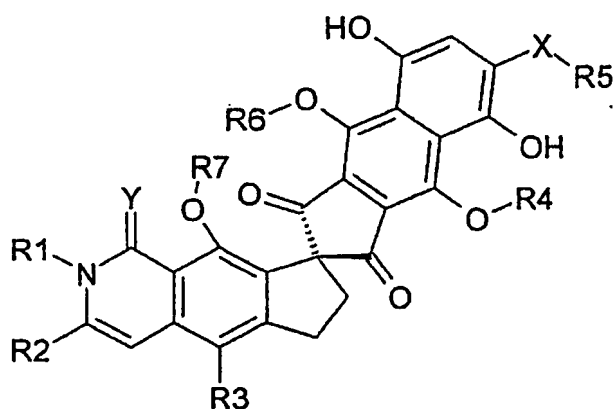
Y means O, S, NR₉, wherein R₉ may be H or C₁-C₆ alkyl,

as well their stereoisomers, tautomers, and their physiologically tolerable salts ~~or inclusion complexes~~, wherein the variable groups for Formula Ia may not concomitantly adopt the following meaning, ~~except in case of cyclodextrin inclusion complexes~~: R₁: H, C₁-C₆ alkyl, R₂: C₁-C₆ alkyl, C₂-C₆ alkenyl, R₃: H, R₄ and R₆ identical, and independently H, C₁-C₆ alkyl, CO-R₄₁, with R₄₁ being C₁-C₆ alkyl, aryl, and R₇ being H, C₁-C₆ alkyl, Y: O, and for Formula Ib: R₁: H, R₂: pentyl, 1-pentenyl, 3-pentenyl, 1,3-pentdienyl, R₃: H, R₄ and R₆ being H, and X-R₅ being methoxy, Y: O.

2. (Previously presented) The compounds according to claim 1, wherein Formula Ia or Ib adopts the stereochemistry of Formula IIa or IIb



II a



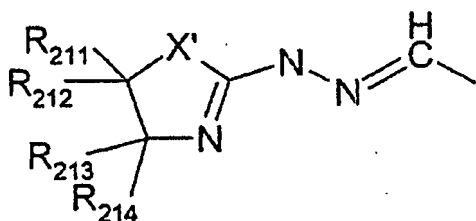
IIb

3. (Previously presented) The compounds of Formula Ia, Ib, IIa, IIb according to claim 2, wherein R2 has a water solubility that is at least two times higher compared to R2 being $\text{CH}=\text{CH}-\text{CH}=\text{CH}-\text{CH}_3$, with all other groups being maintained.

4. (Previously presented) The compounds according to claim 1, wherein R3 means F, Cl, Br, I, OH, OR31, NO₂, NH₂, NHR31, NR31R32, NHCHO, NHCOR31, NHCOCF₃, CH_{3-m}hal_m (with hal = Cl, F, and m = 1, 2, 3), or OCOR31.

5. (Previously presented) The compounds according to claim 1, wherein R3 means (CH₂)_rCHO, (CH₂)_rCH=NOH, -(CH₂)_rCH=NOR21, (CH₂)_rCH=NOCOR21,

$(\text{CH}_2)_r\text{CH}=\text{NOCH}_2\text{CONR}_{21}\text{R}_{22}$, $(\text{CH}_2)_r\text{CH}=\text{NOCH}(\text{CH}_3)\text{CONR}_{21}\text{R}_{22}$,
 $(\text{CH}_2)_r\text{CH}=\text{NOC}(\text{CH}_3)_2\text{CONR}_{21}\text{R}_{22}$, $(\text{CH}_2)_r\text{CH}=\text{N-NHCO-R}_{23}$, $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{O})\text{NH-R}_{23}$,
 $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{S})\text{NH-R}_{23}$, $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{NH})\text{NH-R}_{23}$, $(\text{CH}_2)_r\text{CH}=\text{N-NHC}(\text{NH})\text{-R}_{23}$,
 $(\text{CH}_2)_r\text{CH}=\text{N-NHCO-CH}_2\text{NHCOR}_{21}$, $(\text{CH}_2)_r\text{CH}=\text{N-O-CH}_2\text{NHCOR}_{21}$,
 $(\text{CH}_2)_r\text{CH}=\text{N-NHCS-R}_{23}$, $(\text{CH}_2)_r\text{CH}=\text{CR}_{24}\text{R}_{25}$ (trans or cis), $(\text{CH}_2)_r\text{CH}=\text{NR}_{21}$, $(\text{CH}_2)_r\text{CH}=\text{N-NR}_{21}\text{R}_{22}$,



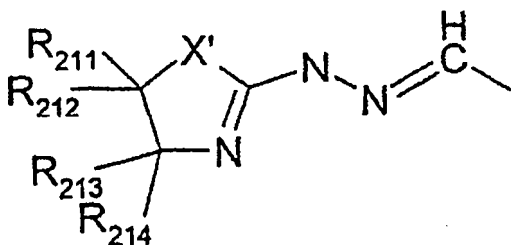
and the $(\text{CH}_2)_r$ -chain elongated group $(\text{CH}_2)_r\text{CH}=\text{N-N-(C}_3\text{NX'R}_{211}\text{R}_{212}\text{R}_{213}\text{R}_{214})$ (with $\text{X}' = \text{NR}_{215}$, O, S, and R_{211} , R_{212} , R_{213} , R_{214} , R_{215} being independently H or $\text{C}_1\text{-C}_6$ alkyl),
 $(\text{CH}_2)_r\text{CH}=\text{N-NHSO}_2$ aryl, $(\text{CH}_2)_r\text{CH}=\text{N-NHSO}_2$ heteroaryl, with $r = 0, 1, 2, 3, 4, 5$.

6. (Previously presented) The compounds according to claim 1, wherein X means N or S, or X-R5 is OH.

7. (Previously presented) The compounds according to claim 1, wherein

R1 means H, $\text{C}_1\text{-C}_5$ alkyl, cycloalkyl,

R2 means $\text{C}_1\text{-C}_5$ alkyl, $\text{C}_1\text{-C}_4$ alkylaryl, $\text{C}_2\text{-C}_5$ alkenyl, heteroaryl, $\text{C}_1\text{-C}_4$ alkylheteroaryl,
 CHF_2 , CF_3 , polyol side chain, CH_2Y ($\text{Y} = \text{F}, \text{Cl}, \text{Br}, \text{I}$), CH_2NH_2 , $\text{CH}_2\text{NR}_{21}\text{R}_{22}$, $\text{CH}_2\text{NHCOR}_{23}$,
 $\text{CH}_2\text{NHCSR}_{23}$, CH_2SH , $\text{CH}_2\text{S}(\text{O})_n\text{R}_{21}$, with $n = 0, 1, 2$, $\text{CH}_2\text{SCOR}_{21}$, CH_2OH , $\text{CH}_2\text{OR}_{21}$,
 $\text{CH}_2\text{OSO}_2\text{-R}_{21}$, CHO , $\text{CH}(\text{OR}_{21})_2$, $\text{CH}(\text{SR}_{21})_2$, CN , $\text{CH}=\text{NOH}$, $\text{CH}=\text{NOR}_{21}$, $\text{CH}=\text{NOCOR}_{21}$,
 $\text{CH}=\text{N-NHCO-R}_{32}$, $\text{CH}=\text{CR}_{24}$, R_{25} (trans or cis), COOH , COOR_{21} , $\text{CONR}_{21}\text{R}_{22}$,
 $-\text{CH}=\text{NR}_{21}$, $-\text{CH}=\text{N-NR}_{21}\text{R}_{22}$,



(with $X' = \text{NR}_{215}, \text{O}, \text{S}$, and $\text{R}_{211}, \text{R}_{212}, \text{R}_{213}, \text{R}_{214}, \text{R}_{215}$ being independently H or $\text{C}_1\text{-C}_6$ alkyl), $-\text{CH}=\text{N}-\text{NHSO}_2$ aryl, $-\text{CH}=\text{N}-\text{NHSO}_2$ heteroaryl, or $\text{CH}=\text{N}-\text{NHCO}-\text{R}_{23}$,

$\text{R}_{21}, \text{R}_{22}$ independently mean $\text{C}_1\text{-C}_6$ alkyl, cycloalkyl, aryl, $\text{C}_1\text{-C}_4$ alkylaryl, heteroaryl, or $\text{C}_1\text{-C}_4$ alkylheteroaryl,

R_{23} independently of R_{21} , has the same meanings as R_{21} , or CH_2 -pyridinium salts, or CH_2 -tri- $\text{C}_1\text{-C}_6$ alkylammonium salts,

R_{24} independently of R_{21} , has the same meanings as R_{21} , or $\text{H}, \text{CN}, \text{COCH}_3, \text{COOH}, \text{COOR}_{21}, \text{CONR}_{21}\text{R}_{22}, \text{NH}_2$, or NHCOR_{21} ,

R_{25} independently of R_{21} , has the same meanings as R_{21} , or $\text{H}, \text{CN}, \text{COCH}_3, \text{COOH}, \text{COOR}_{21}, \text{CONR}_{21}\text{R}_{22}, \text{NH}_2$, or NHCOR_{21} ,

$\text{R}_{24}, \text{R}_{25}$ together mean $\text{C}_4\text{-C}_8$ cycloalkyl,

R_3 means $\text{F}, \text{Cl}, \text{Br}, \text{I}, \text{NO}_2, \text{NH}_2$, or NHCOR_{31} ,

R_{31} independently means $\text{C}_1\text{-C}_6$ alkyl,

R_5 means $\text{H}, \text{C}_1\text{-C}_6$ alkyl, $\text{C}_3\text{-C}_8$ cycloalkyl, $\text{C}_3\text{-C}_8$ cycloalkenyl, $\text{C}_1\text{-C}_6$ alkenyl, $\text{C}_1\text{-C}_6$ alkynyl, $\text{C}_1\text{-C}_4$ alkylcycloalkyl, heterocycloalkyl, $\text{C}_1\text{-C}_4$ alkylheterocycloalkyl, aryl, $\text{C}_1\text{-C}_4$ alkylaryl, heteroaryl, $\text{C}_1\text{-C}_4$ alkylheteroaryl, $\text{C}_m\text{H}_{2m+o-p}\text{Y}_p$ (with $m = 1$ to 6 , for $o = 1$, $p = 1$ to

$2m+o$; for $m = 2$ to 6 , $o = -1$, $p = 1$ to $2m+o$; for $m = 4$ to 6 , $o = -2$, $p = 1$ to $2m+o$; $Y =$ independently selected from the group consisting of halogen, OH, OR21, NH₂, NHR21, NR21R22, SH, SR21), hydroxyalkyl with one or more OH groups,

R4, R6, R7 independently mean H, C₁-C₅ alkyl, or CO-R41,

R41 independently from R21, has the same meanings as R21,

X means O, S, NH, or N-R8,

Y means O, or S.

8. (Canceled)

9. (Previously presented) Drugs containing compounds according to claim 1, a carrier and adjuvants.

Claims 10-14 (Canceled)

15. (Previously presented) A method of treating a tumor in a patient comprising administering an effective amount of a compound of claim 1 to said patient.

16. (Previously presented) A method of treating parasites comprising administering to a patient in need of such treatment an effective amount of a compound according to claim 1.